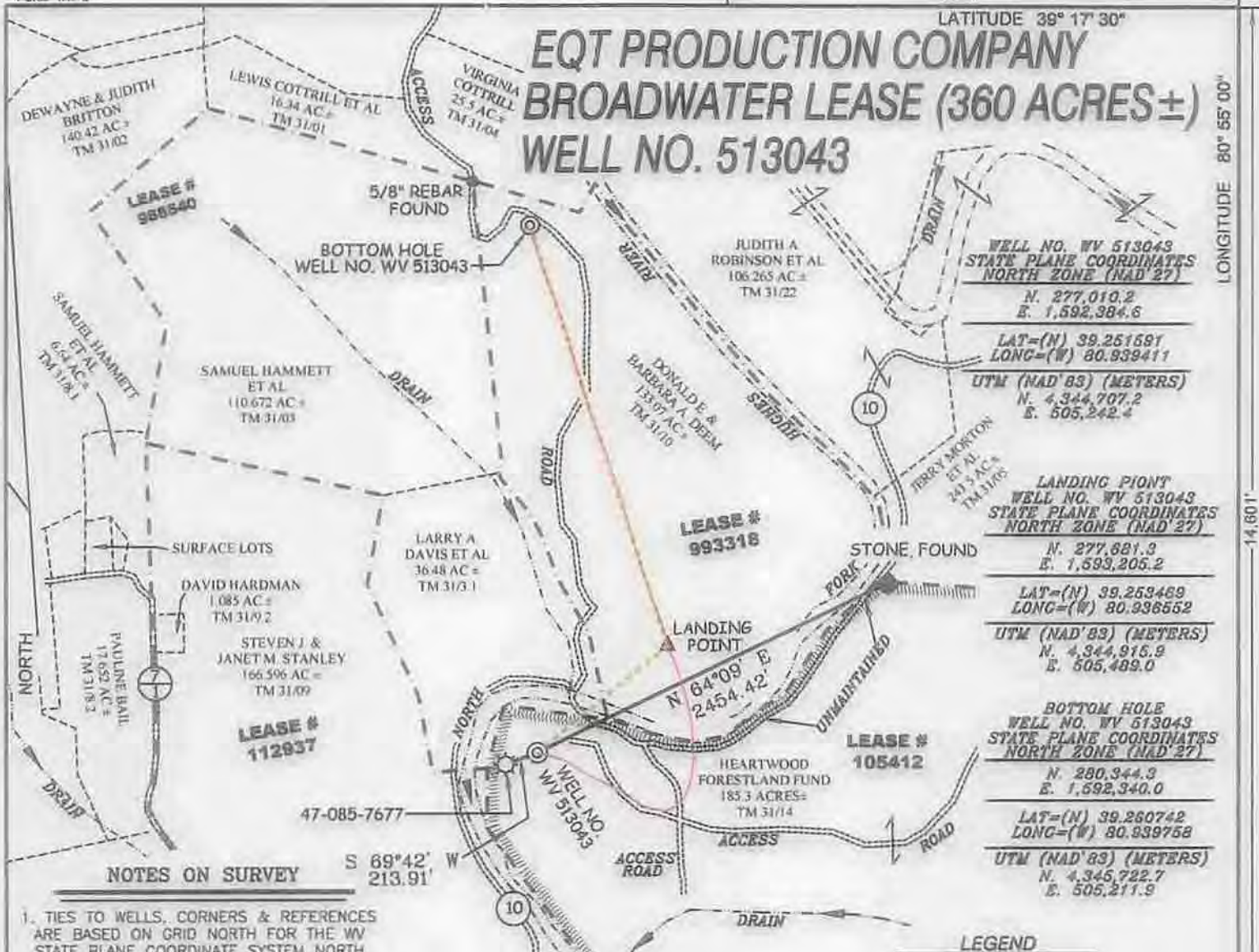


EQT PRODUCTION COMPANY BROADWATER LEASE (360 ACRES±) WELL NO. 513043



WELL NO. WV 513043
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)
N. 277,010.2
E. 1,592,384.6

LAT=(N) 39.251591
LONG=(W) 80.939411

UTM (NAD 83) (METERS)
N. 4,344,707.2
E. 505,242.4

LANDING POINT
WELL NO. WV 513043
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)
N. 277,881.3
E. 1,593,205.2

LAT=(N) 39.253469
LONG=(W) 80.938552

UTM (NAD 83) (METERS)
N. 4,344,915.9
E. 505,489.0

BOTTOM HOLE
WELL NO. WV 513043
STATE PLANE COORDINATES
NORTH ZONE (NAD 27)
N. 280,344.3
E. 1,592,340.0

LAT=(N) 39.260742
LONG=(W) 80.939758

UTM (NAD 83) (METERS)
N. 4,345,722.7
E. 505,211.9

NOTES ON SURVEY

1. TIES TO WELLS, CORNERS & REFERENCES ARE BASED ON GRID NORTH FOR THE WV STATE PLANE COORDINATE SYSTEM NORTH ZONE NAD '27.
2. LEASE BOUNDARY SHOWN HEREON TAKEN FROM DEED BOOK 197 PAGE 568 AND DEED BOOK 251 PAGE 664.
3. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF RITCHIE COUNTY IN JULY, 2012.
4. WELL LAT./LONG. (NAD'27) ESTABLISHED BY DGPS (SURVEY GRADE TIE TO CORS NETWORK).
5. PLAT UPDATED 06/27/14 TO SHOW THE AS-DRILLED COORDINATES FROM INFORMATION PROVIDED BY EQT IN 2013.

S 69°42' W
213.91'

LEGEND

AS DRILLED

PROPOSED

AS DRILLED INFORMATION

BOTTOM HOLE WELL NO. WV 513043 STATE PLANE COORDINATES NORTH ZONE (NAD 27)	WELL NO. WV 513043 STATE PLANE COORDINATES NORTH ZONE (NAD 27)
N. 280,344.2 E. 1,592,327.5	N. 277,010.2 E. 1,592,384.6
LAT=(N) 39.260741 LONG=(W) 80.939802	LAT=(N) 39.251591 LONG=(W) 80.939411
UTM (NAD 83)(METERS) N. 4,345,722.6 E. 505,208.1	UTM (NAD 83)(METERS) N. 4,344,707.2 E. 505,242.4



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.



P.S. 677
Gregory A. Smith

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE JUNE 03 20 13

REVISED DATE JUNE 27 20 14

OPERATORS WELL NO. WV 513043

API WELL NO. 47-085-10052

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. 7566ASDRILLED513043

PROVEN SOURCE OF ELEVATION DGPS (SURVEY GRADE TIE TO CORS NETWORK) SCALE 1" = 1000'

STATE OF WEST VIRGINIA
DIVISION OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL IF "GAS" PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 793' (PAD ELEVATION) WATERSHED NORTH FORK HUGHES RIVER

DISTRICT CLAY COUNTY RITCHIE QUADRANGLE PENNSBORO 7.5'

SURFACE OWNER HEARTWOOD FORESTLAND FUND ACREAGE 353.50±

ROYALTY OWNER JEFFERSON BROADWATER HEIRS ET AL (360 AC±), MIKE ROSS ET AL (133.07AC±), JOELYNN FAMILY PRESERVATION TRUST (149.46 AC±)

PROPOSED WORK: LEASE NO. 105412 / 993318 / 988540

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD

FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON CLEAN OUT AND REPLUG OTHER

PHYSICAL CHANGE IN WELL (SPECIFY) TARGET FORMATION MARCELLUS ESTIMATED DEPTH

WELL OPERATOR EQT PRODUCTION COMPANY DESIGNATED AGENT REX C. RAY

ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330 ADDRESS 115 PROFESSIONAL PLACE P.O. BOX 280 BRIDGEPORT, WV 26330

09/19/2014

LONGITUDE 80° 55' 00"

14,601'

COUNTY NAME

PERMIT